[uncan;Cal C1230 proved the errors down to the minutes and seconds using an astrolabe and a deep knowledge of Arab, South, and Indian math & astronomy. He offered the reform of careling the leap day every 288 years Spain & Portugal

Second mainonidean Controversy

13th Century AP By the 13th century, the 0.0018 day / yr error of the Julian Cal. had increased the discrepancy. The Vernal equina had advanced to just over 7 days, Attention nos drawn to their fact by the PARIS profeson JOHAUNES DE SACROBOSCO (John & Holywood, fl. 1230) in his DE ANNI RATIONE, aswell as by Roger Becon, who with a heater, DE REFORMATIONE CALENDAR;

suggesting that a change should be made. This treatese was not published but was transmitted to the lope. No action was taken.